Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 22 Sep 2022 until 23:59 on Friday 23 Sep 2022

Forecast Issued on Wednesday 21 Sep 2022 at 14:03

Confidence: High for the general forecast, though low cloud details remain lower confidence.

Headline for Thursday 22 Sep 2022: A dry morning but rain spreading in later.

Mountain weather hazards on Thursday 22 Sep 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Dull	Heavy Rain	Heavy Rain	Heavy Rain
Precipitation probability							
<05%	<05%	<05%	<05%	10%	40%	80%	>95%

Forecast for Thursday 22 Sep 2022

Weather: Dry overnight and into Thursday morning and mostly fine with increasing amounts of high cloud but lower levels remaining generally clear. Thickening and lowering cloud bases bringing outbreaks of rain and drizzle for the later afternoon and evening however, these becoming heavier and persistent by the end of the period. Southwesterly winds also increasing.

Chance of cloud-free hill tops above 600m: 90% to start the day reducing into the late afternoon to become 40% or less into the evening.

Low cloud and visibility: Broken to overcast bases developing above around 300-400m late-afternoon onwards, increasingly shrouding particularly western summits by evening. Good or very good visibility reducing moderate to poor in rain and drizzle and very poor across summits later.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 22 Sep 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/31 SW	21/31 SW	19/29 SW	20/28 SW	19/28 SW	14/22 SW	14/20 SW	14/21 SW	9/14 W
300	13/23 SW	13/22 SW	13/23 S	15/24 SW	15/24 SW	10/17 SW	9/16 SW	10/17 SW	7/12 W
Valley	8/21 SW	8/21 S	9/23 S	11/23 S	11/23 SW	6/16 SW	6/16 S	7/16 SW	5/10 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/6	9/6	9/5	10/6	12/8	12/10	11/8	11/8	10/8
300	12/9	11/9	11/8	12/10	14/12	15/13	14/12	13/11	12/11
Valley	12/10	11/10	11/9	13/11	15/13	15/14	14/13	13/12	13/12
Freezing Level*	2600m	2200m	2100m	2600m	2700m	2800m	2700m	2600m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some blustery winds likely across exposed tops overnight and into the morning with gusts of 35-40mph possible in places but winds tending to become steadier into the day. Care should be taken when packing and planning routes with conditions due to deteriorate markedly by evening.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 21 Sep 2022	0mm	0mm	8.8mm

Forecast for Friday 23 Sep 2022

Weather: A dull and wet start to Friday is likely with low cloud shrouding summits and outbreaks of rain and drizzle at first soon clearing. Low cloud clearing later in the morning bringing sunny spells with some scattered showers following. Generally light winds.

Maximum wind: North-northwesterly 15-20mph into the afternoon.

Chance of cloud-free hill tops above 600m: 20% becoming 90% through the morning.

Low cloud and visibility: Outbreaks of rain and drizzle along with widespread low cloud bases 200-300m to start shrouding hill tops and giving locally poor or very poor visibility, but lifting and clearing through the morning with bases above summits into the afternoon and generally very good visibility.

Temperature: **Valleys:** Plus 11 degrees Celsius around dawn rising to Plus 15 degrees Celsius by afternoon.
At 600m: Plus 9 degrees Celsius around dawn rising to Plus 13 degrees Celsius by afternoon
Freezing level: Well above summits.

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